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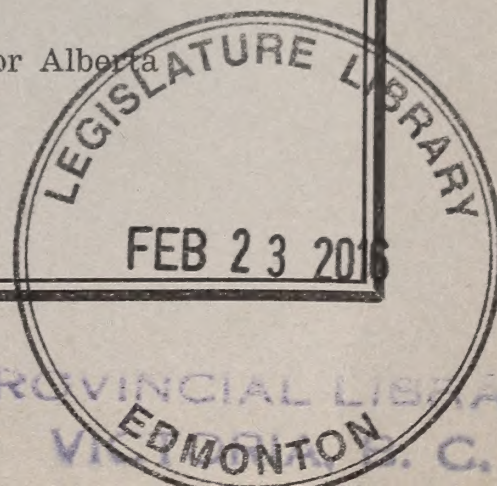


ANNUAL REPORT
OF THE
**DEPARTMENT
OF HIGHWAYS**
OF THE
PROVINCE OF ALBERTA
1952 - 53

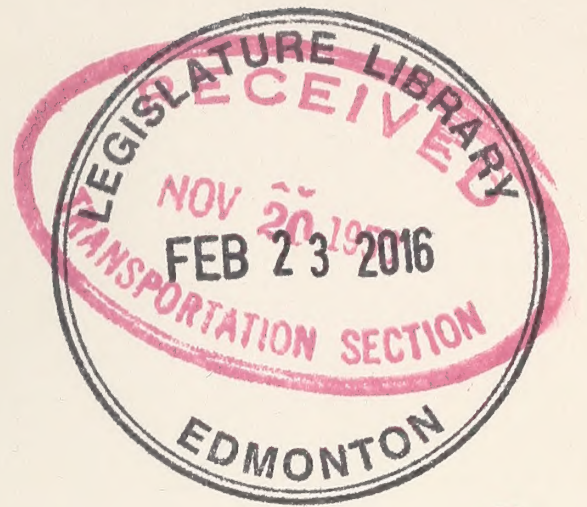
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ANNUAL REPORT

OF THE

**DEPARTMENT
OF HIGHWAYS**

OF THE

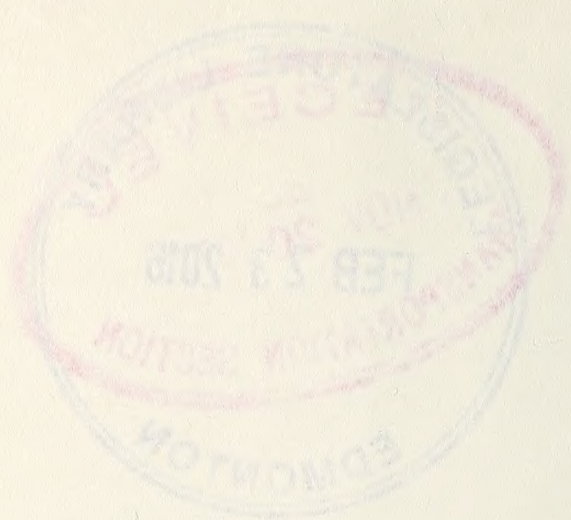
PROVINCE OF ALBERTA

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Edmonton, August 4th, 1953.

To His Honour,

J. J. BOWLEN,

Lieutenant Governor of the Province of Alberta.

Sir,

The undersigned has the honour to submit herewith the Report of the Department of Highways for the year ended March 31, 1953.

Respectfully submitted,

GORDON E. TAYLOR,

Minister of Highways.

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

REPORT OF THE
DEPUTY MINISTER OF HIGHWAYS

For The Fiscal Year Ended March 31, 1953

Hon. Gordon E. Taylor,
Minister of Highways.

Sir:

I have the honour to submit herewith the report covering the activities of the Department of Highways for the fiscal year ended March 31, 1953.

HIGHWAY MAINTENANCE AND FERRIES

The mileage of Main Highways Maintenance during the year was 5,010. The sum of \$2,947,831.39 was expended for Main and Secondary Highways. The sum of \$3,983,699.37 was expended for construction and maintenance of District Highways and Local Roads in Improvement Districts, Municipal Districts and Special Areas.

There were 48 Ferries operated by the Province during the season with a total expenditure on Ferry Reconstruction, construction, Operation and Maintenance of \$286,986.67.

HIGHWAY CONSTRUCTION

During the 1952 construction Season, 553 Miles of Subgrade construction were completed, including 53.22 miles of subgrade widening. 40.26 Miles of Shoulder Widening on Surfaced Highways were completed and 773.23 Miles of highway were gravel surfaced. In addition, 279.48 Miles of Stabilized Base Course with top lift asphalt bound were placed with 137.57 Miles of Hot Plant Mix Asphaltic Surface Course and 18.36 Miles of Road Mix Asphaltic Surface Course. 74.86 Miles of Asphaltic Seal Coat were also placed and 99 Miles of Centre-line Striping were painted.

On the 24th day of April, 1950, an Agreement was formally entered into with the Government of Canada for the construction of The Trans-Canada Highway. During the past fiscal year, construction included the awarding of three additional Contracts covering subgrade construction with a light gravel course from Dunmore to Walsh and Calgary to Chestermere Lake, Stabilized Asphalt Bound Base Course and Hot Plant Mix Asphaltic Surface from Strathmore to Gleichen Corner. Of the five contracts carried over from the previous year, four were completed. Work completed on the Trans-Canada Highway consisted of 99.72 Miles of Subgrade Construction including 7.22 Miles of Subgrade Widening, 94.45 Miles of First Course Gravel Surfacing, 43.97 Miles of Asphalt Bound Stabilized Base Course and 38.31 Miles of Hot Plant Mix Asphaltic Surfacing. These mileages are included in the totals quoted above.

BRIDGE CONSTRUCTION AND MAINTENANCE

The work of the Bridge Branch included the erection of steel and

timber bridges and culverts on Main Highways. Seven Steel Bridges, 10 Precast Concrete Bridges and 24 Timber Bridges were constructed during the year and 90 Steel Bridges and 124 Timber Bridges were repaired, 65 Precast Concrete Bridges were constructed to replace timber bridges. A total of 832 structures were dealt with during the year.

On the Trans-Canada Highway 11 Precast Concrete Bridges and Over-passes were constructed, also 23 Reinforced Concrete Culverts and Cattle Passes and 2 Reinforced Concrete Grade Separations. A total of 36 structures were dealt with during the year.

The total sum expended under Post War Reconstruction was \$141,101.42.

Repairs, Protection Work and Maintaining existing Public Works in the Floor Area, Drumheller Valley District	131,766.05
Protection Work, Michichi Creek	131,766.05
	<hr/>
	\$141,101.42

SURVEYS

The report of the Director of Surveys shows an increase in the number of Surveys carried forward to the ensuing year.

HIGHWAY TRAFFIC BOARD

The Public Service Vehicles Act, R.S.A. 1942, is administered by the above Board.

Respectfully submitted,

A. FRAME,
Deputy Minister.

MAINTENANCE BRANCH

DEPARTMENT OF HIGHWAYS

Main Highways Maintenance
District Highways and Local Roads
in Improvement and Municipal Districts
Ferries Operation, Maintenance,
Replacements and Installations

J. H. JOHNSTON, CHIEF MAINTENANCE ENGINEER

The maintenance of Main and Secondary Highways, Construction, Maintenance of District Highways and Local Roads in Improvement Districts, Construction and maintenance of District Highways and Local Roads in Municipal Districts where assistance was given in the way of Grants and Maintenance and Construction of Ferries, were carried out under the supervision of ten District Engineers and two Assistant District Engineers.

Detailed information covering expenditures for the Fiscal Year 1952-53 is contained in the following statements as submitted with this report.

(1) Statement showing expenditure on maintenance of Main and Secondary Highways. The total mileage in these classes of Highways is as follows:

	Gravelled	Asphalt	Total
Main Highways	1,658	1,407	3,065
Secondary Highways	1,853	92	1,945
			<u>5,010</u>

Regravelling of Main and Secondary Highways was undertaken, snow removal, centre line Highway striping, warning signs at Railway Crossings and the erection of Highway signs were also carried out. The following are details of expenditures:

Ordinary Maintenance	5,010 miles	\$2,696,308.01
Snow Removal	5,010 miles	150,752.59
Gravelling	31 miles	8,909.34
Centre Line Striping	459 miles	35,677.09
Marking Railway Warnings Signs	43 crossings	} 56,184.36
Erecting Highway Signs	9,160 signs	
Total Cost		<u>\$2,947,831.39</u>

(2) Statement showing the distribution from Income Account of expenditure in the construction and maintenance of District Highways and Local Roads in Improvement Districts, Municipal Districts and Special Areas total of which amounted to \$3,983,699.37 divided as follows:

Improvement Districts	\$1,635,960.06
Municipal Districts	2,267,739.31
Special Areas	80,000.00
Total	<u>\$3,983,699.37</u>

Details as follows:

Miles of roads graded	3,621.70
Miles of roads gravelled	2,684.95
Total	<u>6,306.65 miles</u>

(3) Statement showing in detail the expenditure made in connection with the operation, maintenance, reconstruction and installation of Ferries, from both Capital and Income Accounts. There were 48 Ferries operated in the Province during the season with a total expenditure of \$286,986.67 divided as follows:

Operation and Replacements	\$ 274,646.83
Installations	12,339.84
Total	<u>\$ 286,986.67</u>

(4) Total Expenditures as follows:

Highway Maintenance	\$2,947,831.39
Improvement, Municipal Districts and Special Areas	3,983,699.37
Ferries	286,986.67
Total	<u>\$7,218,517.43</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA

MAIN HIGHWAYS MAINTENANCE

EXPENDITURE FOR MAINTENANCE OF MAIN AND SECONDARY
HIGHWAYS

For The Fiscal Year Ended March 31, 1953

Location.	Miles:	Amount:
Walsh to Bassano	136	\$ 70,954.35
Medicine Hat to Grassy Lake	49	7,832.97
Irvine to Wildhorse	71	20,899.23
Carway to Nanton	104	54,963.10
Grassy Lake to Crownsnest	150	76,675.45
Lethbridge to Coutts	63	12,404.70
Lethbridge to Waterton	70	22,604.60
Pincher to Waterton	31	16,619.22
Monarch to Carmangay	25	12,087.57
Lethbridge to Turin	35	34,390.54
Cardston to Immigrant Gap	15	10.59
Welling to Craddock	15	2,486.47
Bassano to Banff	152	94,479.86
Nanton to Didsbury	91	435,462.68
Okotoks to N.E. 17-18-2-5	24	15,012.58
Calgary to Bowness Park	5	1,996.25
Inverlake to S.E. 16-28-21-4	56	15,772.30
S.E. 16-28-21-4 to Alsask	147	65,953.51
Drumheller to Wayne	8	16,388.01
Beiseker to Twining	25	12,323.56
Midnapore to Black Diamond	31	20,879.90
Carmangay to High River	64	22,522.01
Vulcan Corner to Cheadle	44	15,915.98
Carbon—West and South	17	4,775.42
Hayter to Wetaskiwin	165	69,053.34
Wetaskiwin to Edmonton	36	71,714.99
Jct. No. 17 Highway to Edmonton	171	69,343.35
Fort Saskatchewan to Mundare	43	21,829.92
Lloydminster to Edmonton	153	77,399.21
*Lloydminster—North and South	48	10,065.30
Bashaw to Ervick Jct. No. 13	31	1,099.06
Battle River to Viking	52	5,802.16
Wainwright to Elk Point Bridge	73	16,696.78
Myrnam to Jct. No. 15, Highway	93	22,488.24
Ft. Saskatchewan to Bremner	10	121.32
Cooking Lake Highway to Airport	1	189.19
Didsbury to Wetaskiwin	102	267,304.21
Red Deer to Nordegg	129	30,254.78
Compeer to Nevis	144	56,612.53
Nevis to Norbuck	97	35,882.62
Wetaskiwin to Norbuck	51	29,988.91
Bentley to Sylvan Lake	11	2,957.29
Twining to Bashaw	80	28,073.63
Olds to Sundre	24	14,160.96
Hanna to Battle River	63	14,317.17
Penhold to Lousana	28	9,407.56
Tees to Mirror	9	3,952.38
Bentley to Gilby	19	5,066.47
Ponoka to West of Doreenlee	9	1,623.88
Innisfail to Dickson	16	3,647.33
Waskatenau to Spedden, St. Paul, Cold Lake	115	68,346.74
Elk Point Bridge to Jct. Hwy. No. 28	8	6,009.59
Lac La Biche to N.E. 24-67-18-4	27	17,240.93
Edmonton to Jasper Park Boundary	199	158,661.77
Jasper Hwy. to Edmonton Beach	2	111.06
Jasper Highway to Kapasiwin Beach	2	73.17
Jasper Hwy. to Seba Beach	2	1,659.83
Jct. Hwy. No. 16 (Fulston) to MacLeod River	9	3,317.57
Alberta Beach Road	6	559.95
Edmonton to Country Club	2	301.52
Leduc to Norbuck	55	15,085.87
Carvel Corner to Whitecourt	85	31,432.84
Bickerdike to Mountain Park	68	23,514.73
Leyland to Luscar	4	9,562.30
Coalspur to Foothills	12	6,115.11
Edmonton to Faust	214	118,269.45
Edmonton to Fort Saskatchewan	13	8,828.85
Clyde to Fort Assiniboine	56	23,489.39
Edmonton to Bon Accord and Waskatenau	98	52,215.42
Namao to Coronado	21	15,426.95
Westlock to Smith	78	34,691.28
N.E. 24-67-18-4 to Jct. Hwy. No. 28	67	15,842.43
Dunvegan to B.C. Boundary	113	83,424.97
Triangle to Jct. No. 2 Hwy.	106	48,912.73

Watino to S.E. 2-78-1-6	43	10,635.39
Faust to Dunvegan	191	108,620.68
Grimshaw to Notikewin—North	303	61,814.72
Donnelly to Watino	22	3,086.33
General		97,949.48
Board		166.91
	5,010	\$2,947,831.39

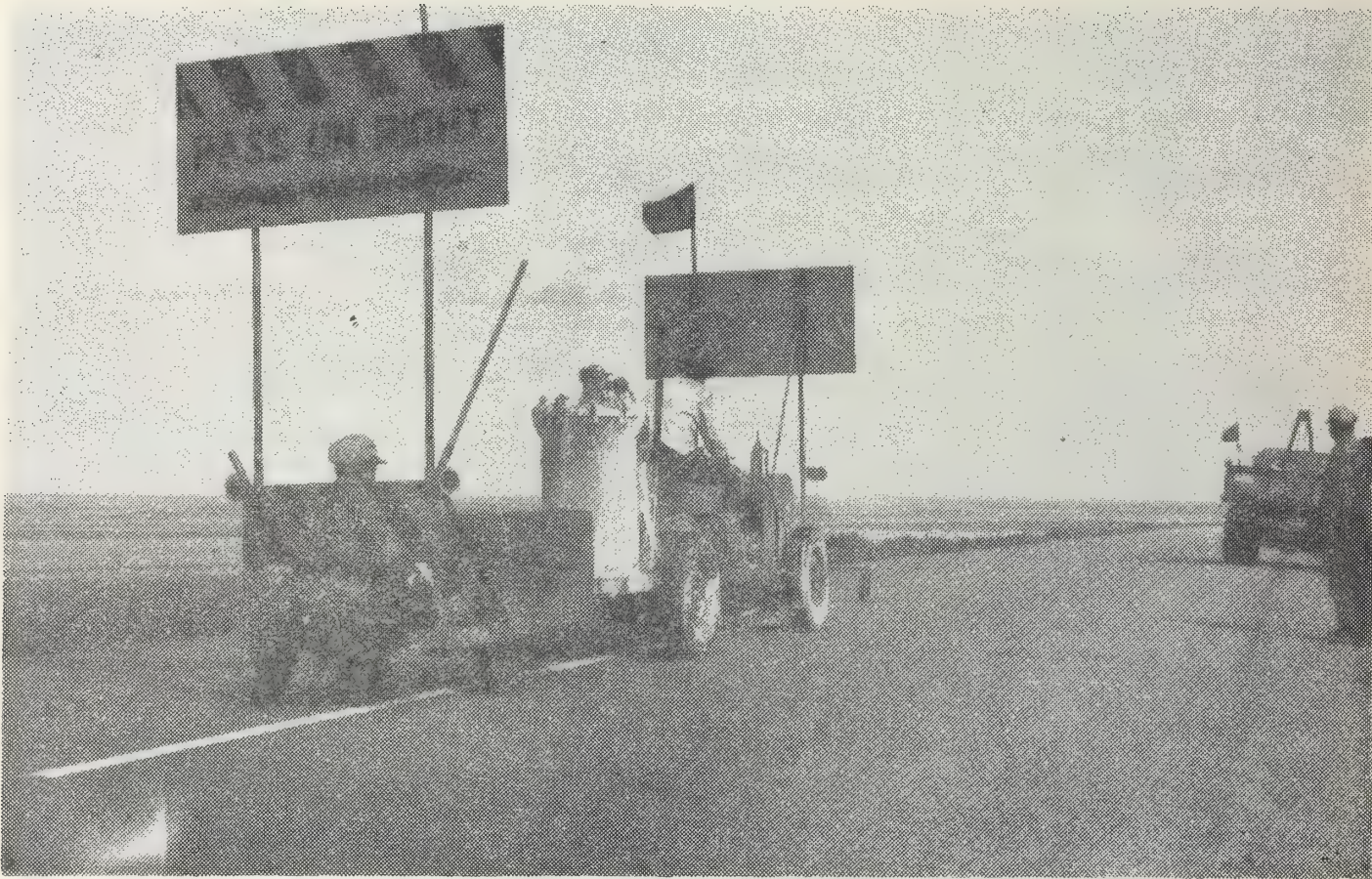
* Maintenance of this highway undertaken by the Province of Saskatchewan, the Province of Alberta paying 50% of the maintenance charges.



Railway Crossing warning signs, Maintenance Branch



Signs erected by Maintenance Branch at Points of Entry on Highways



Centre striping machine at work on Highway No. 3

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For The Fiscal Year Ended March 31, 1953

GRANTS TO IMPROVEMENT DISTRICTS

I.D.		Totals:
General		\$ 12,423.16
General District 1		809.67
General District 2		1,606.91
General District 4		1,246.65
General District 6		1,636.59
General District 7		505.39
General District 8		4,021.20
General District 9		840.71
General District 11		1,510.95
General District 12		3,408.41
Board		594.09
I.D. 1		4,552.17
I.D. 10		12,024.02
I.D. 11		55,824.79
I.D. 21		49,600.90
I.D. 22		23,865.90
I.D. 23		28,734.83
I.D. 27		39,644.05
I.D. 41		15,599.22
I.D. 42		36,937.19
I.D. 46		92,830.69
I.D. 50		24,097.49
M.D. 55		457.65
M.D. 57		771.34
I.D. 58		177.64
I.D. 65		84,000.11
I.D. 68		889.61
I.D. 69		2,057.18
I.D. 76		113,222.21
I.D. 77		51,401.43
I.D. 78		33,730.28

I.D. 85	14,277.68
I.D. 95	52,683.83
I.D. 96	58.17
I.D. 101	80,790.93
I.D. 102-D7	81,961.83
I.D. 102-D9	25,651.21
I.D. 107	89,320.99
I.D. 108-D8	68.24
I.D. 108-D9	41,068.38
I.D. 109	54,558.01
I.D. 111	11,830.07
I.D. 121	107.92
I.D. 122	12,263.82
I.D. 124-D9	10,273.94
I.D. 124-D12	2,465.11
I.D. 125	38,293.92
I.D. 126-D11	37,173.56
I.D. 126-D12	1,271.50
I.D. 128	1,598.48
I.D. 130	2,330.70
I.D. 131	16,867.79
I.D. 132	28,264.24
I.D. 134	75,733.39
I.D. 138	69,395.52
I.D. 139-D11	2,664.50
I.D. 139-D12	112,113.33
I.D. 143	1,882.50
I.D. 146	917.42
I.D. 147	31,466.72

Special Areas:

Bow West D2	\$ 6,669.84
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Indian Reserves:

District 2 BIR	\$ 13,656.15
District 2 PIR	121.17
District 4 IR	12,779.61
District 4 BIR	167.07
District 6 IR 137	26.55
District 6 IR 138	2,835.84
District 7 IR 128	1,129.16
District 9 IR 134	2,198.54

\$1,635,960.06

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For The Fiscal Year Ended March 31, 1953

GRANTS TO MUNICIPAL DISTRICTS

M.D.	Total:
* General	\$ 4,898.38
M.D. 2	36,718.00
M.D. 4	35,703.00
M.D. 5	42,982.00
M.D. 6	25,175.00
M.D. 9	28,422.00
M.D. 13	20,048.00
M.D. 14	24,803.00
M.D. 16	19,575.20
M.D. 25	59,230.00
M.D. 26	34,885.38
M.D. 28	59,465.00
M.D. 31	48,613.00
M.D. 32	27,033.00
M.D. 34	9,884.00
M.D. 40	35,694.00
M.D. 43	37,984.00
M.D. 44	37,697.00
M.D. 45	12,718.00
M.D. 47	34,464.00
M.D. 48	57,289.00
M.D. 49	63,229.00
M.D. 52	37,938.00
M.D. 53	35,840.00
M.D. 54	49,400.00
M.D. 55	70,026.05
M.D. 56	10,931.00

M.D.	57	.....	9,572.00
M.D.	61	.....	38,733.00
M.D.	62	.....	56,249.00
M.D.	63	.....	73,491.00
M.D.	64	.....	53,978.00
M.D.	71	.....	71,634.00
M.D.	72	.....	44,199.00
M.D.	73	.....	49,473.00
M.D.	74	.....	39,572.00
M.D.	75	.....	66,815.00
M.D.	81	.....	62,981.00
M.D.	82	.....	56,025.00
M.D.	83	.....	38,034.00
M.D.	84	.....	37,884.00
M.D.	86	.....	47,463.00
M.D.	87	.....	9,641.00
M.D.	88	.....	8,918.00
M.D.	89	.....	57,577.00
M.D.	90	.....	38,545.00
M.D.	91	.....	33,896.00
M.D.	92	.....	51,708.00
M.D.	93	.....	55,190.30
M.D.	94	.....	16,992.00
M.D.	103	.....	49,502.00
M.D.	130	.....	24,604.00
M.D.	133	.....	12,474.00
M.D.	135	.....	12,515.00
M.D.	136	.....	14,567.00
District	4—County	No. 2	53,618.00
District	6—County	No. 3	55,704.00
District	11—County	No. 1	65,540.00
			<u>\$2,267,739.31</u>

* NOTE: 'General' is expenses incurred by Engineering Inspections.

SUMMARY

Income Account:

Appropriation 2106-1A	Grants to Improvement Districts	\$1,635,960.06
Appropriation 2106-1B	Grants to Special Areas	80,000.00
Appropriation 2106-1C	Grants to Municipal Districts	2,267,739.31
		<u>\$3,983,699.37</u>

NOTE: Salaries are included in Vote 2109.



District Highway construction in Municipal District of Strathcona, No. 83,
with assistance of Government grant.

EXPENDITURE ON OPERATION, MAINTENANCE REPLACEMENT AND CONSTRUCTION OF FERRIES

GOVERNMENT OF THE PROVINCE OF ALBERTA - DEPARTMENT OF HIGHWAYS

For The Fiscal Year Ended March 31st, 1953

Location:	River	Maintenance: and Operation \$	Replacement and Installation: \$	Construction (2152B) \$	Total: \$
Desjarlais	North Saskatchewan	5,356.91			5,356.91
Holmes Crossing	Alberca	6,997.13	20.46		7,017.59
Dorothy	Red Deer	3,260.87	196.90		3,457.77
Pakan	North Saskatchewan	4,460.23			4,460.23
Garrington	East River	7,311.53		1,613.59	8,925.12
*North of Lloydminster	North Saskatchewan	2,397.01			2,397.01
Tolman Crossing	Red Deer	5,520.95			5,520.95
Letis Crossing	Pembina	2,211.88	8.64		2,220.52
Shandro	South Saskatchewan	6,913.70			6,913.70
Hopkins	South Saskatchewan	2,200.75	74.26		2,275.01
Hutton	East River	2,918.75			2,918.75
Lac Ste. Anne	North River	1,783.28	8.00		1,791.28
Lea Park	South Saskatchewan	6,511.96		912.51	7,424.50
Eldorena	South Saskatchewan	4,470.09	113.07		4,583.16
South of Holborn	South Saskatchewan	4,874.80	1,477.36	4,738.11	11,090.27
Dunvegan	Peace	24,746.04	584.84		25,330.88
Bow Island	South Saskatchewan	5,603.09	223.30	1,973.90	7,805.29
North of Myram	North Saskatchewan	4,904.62	4,885.99		9,790.61
Genesee	North Saskatchewan	3,345.13			3,345.13
Steveville	Red Deer	7,349.82			11,211.71
West of Munson	Red Deer	2,582.04	3,861.89		2,582.04
Berrymoor	South Saskatchewan	3,933.75			3,933.75
Finnegan	Red Deer	2,586.31	50.66		2,636.97
Lindberg	North Saskatchewan	2,713.55	29.33		2,742.88
Allendale	North Saskatchewan	3,724.74			3,724.74
Vinca Crossing	North Saskatchewan	7,813.40	136.14	2,088.21	10,042.75
McLeod Valley	Red Deer	5,197.42	39.60		5,237.02
North of Jenner	Red Deer	4,424.99			4,424.99
Gregory Crossing	Red Deer	2,531.13			2,531.13
West of Morrin	Red Deer	4,216.28			4,216.28
South of Falher	North Saskatchewan	5,075.90	50.75		5,075.90
Grovedale	North Saskatchewan	3,337.38			3,337.38
Klondyke	North Saskatchewan	4,205.52	4,352.57		8,558.09
Flatbush	South Saskatchewan	4,824.91	586.19		5,411.10
South of Wembley	South Saskatchewan	2,680.32			2,680.32
South of Crowfoot	South Saskatchewan	3,313.16			3,313.16
Waskatenau	South Saskatchewan	6,366.13	673.09	213.33	7,252.55
North of Blue Ridge	North Saskatchewan	5,026.11			5,026.11
Manaska	Red Deer	2,064.82			2,064.82
North of Atlee	Red Deer	2,602.58	227.50		2,830.08
Watino	North Saskatchewan	10,460.56			10,460.56
Forbesville	North Saskatchewan	2,066.26			2,066.26
South of Empress	South Saskatchewan	6,989.30	2,852.47	721.38	10,566.15
Rosevear	North Saskatchewan	2,974.00	92.22		3,066.22
Warspite	North Saskatchewan	10,119.34	35.72		10,155.06
Fort Vermilion	North Saskatchewan	5,429.22			5,429.22
Heinsburg	North Saskatchewan	6,568.42	146.90		6,715.32
Beauvalon	North Saskatchewan	2,283.79	25.57		2,309.36
Bowslope	Red Deer	3,888.18			3,888.18
Ferries - General		10,635.36		75.78	10,711.14
SUMMARY		\$253,913.41	\$20,733.42	\$12,339.84	\$286,986.67

* This Ferry on the 4th Meridian and operated by the Province of Saskatchewan. The Province of Alberta paying 50% of the operation Costs.

MAIN HIGHWAYS BRANCH

(A. M. Paull, Chief Construction Engineer)

During the 1952 construction season, 553.00 miles of subgrade construction were completed, including 53.22 miles of subgrade widening. 40.26 miles of shoulder widening on surfaced highways were completed and 773.23 miles of highways were gravel surfaced.

In addition 279.48 miles of Stabilized Base Course with the top lift asphalt bound were placed with 136.57 miles of Hot Plant Mix Asphaltic Surface Course and 18.36 miles of Road Mix Asphaltic Surface Course. 74.86 miles of Asphaltic Seal Coat were also placed and 99 miles of centre-line striping were painted.

Construction on the Trans-Canada Highway included the awarding of three additional Contracts covering subgrade construction with a light gravel course from Dunmore to Walsh and Calgary to Chestermere Lake, and Stabilized Asphalt Bound Base Course and Hot Plant Mix Asphaltic Surface Course from Strathmore to Gleichen Corner.

Of the five Contracts carried over from the previous year, four were completed, these covering Subgrade Construction and Gravelling from Strathmore to Gleichen Corner, Bassano to Brooks and Brooks to Suffield, and Asphalt Bound Stabilized Base Course with Hot Plant Mix Asphaltic Surface Course from Gleichen Corner to Bassano. It was not possible to complete the Subgrade Construction from Suffield to Dunmore due to non-completion of the bridge structures in the Medicine Hat area.

Work completed on the Trans-Canada Highway consisted of 99.72 miles of Subgrade Construction including 7.22 miles of Subgrade Widening, 94.45 miles of First Course Gravel Surfacing, 43.97 miles of Asphalt Bound Stabilized Base Course and 38.31 miles of Hot Plant Mix Asphaltic Surfacing. These mileages are included in the totals quoted above.

Work on the Whitecourt - Valleyview Cut-off was continued but the progress was disappointing due mainly to wet weather which prevented the material drying out sufficiently to make progress and produce satisfactory results.

32.32 miles of Subgrade were completed, consisting of 18.78 miles at the Whitecourt end and 13.54 miles at the Valleyview end. 52.73 miles of this Cut-off are now completed leaving 53 miles to construct which, depending on the weather, it is hoped will be completed during the 1953 construction season.

Thirteen aggregate stockpiling projects and two right-of-way clearing projects were carried out during the winter months.

Excessive rainfall until the middle of July hindered the progress of the work throughout the Province considerably. On the 105 projects undertaken 1550 shifts, totalling approximately 15,500 hours, were lost due to rain. However, an exceptionally long and fine Fall made it possible to complete most of the projects.

Following is a statement of the work performed during the year ended March 31st, 1953.

DEPARTMENT OF HIGHWAYS
HIGHWAY CONSTRUCTION 1952-53
GRADING — MAIN HIGHWAYS

Highway	Location	Miles	Type	Work Done By
1-A-1	Dunmore - Walsh	24.18	S.E.G.	Contract
1-A-2	Suffield - Dunmore	7.75	S.E.G.	Contract
1-A-3	Brooks - Suffield	25.14	S.E.G.	Contract
1-B-1	Bassano - Brooks	24.59	S.E.G.	Contract
1-B-2	Gleichen Corner - Bassano	7.22	G.W.	Contract
1-B-3/2	Calgary - Chestermere Lake	10.84	S.E.G.	Contract
2-A-2	Cardston Hill	0.18	S.E.G.	Day Labour
2-B-3	Calgary - South of Midnapore	8.60	G.W.	Contract
2-C-1	Calgary - Airdrie	10.01	G.W.	Contract
2-E-3	Perryvale - Athabasca	1.01	S.E.G.	Contract
2-G-2	Enilda - Triangle	5.24	S.E.G.	Contract
2-G-3	Triangle - McLennan	3.31	S.E.G.	Contract
2-H-1	Berwyn - 6th Meridian	9.91	S.E.G.	Contract
2-H-2	6th Meridian - South of Whitelaw	5.17	S.E.G.	Contract
9-A-2	Kirby School - Drumheller	1.90	S.E.G.	Contract
9-B-1	Drumheller - Morrin Corner	7.24	S.E.G.	Contract
9-B-1	Morrin Corner - Delia	8.10	S.E.G.	Contract
9-B-1	Delia - Hanna	18.49	S.E.G.	Contract
11-A-1	Junction Hwy. 2 - Sylvan Lake	11.06	S.E.G.	Contract
11-A-3	Condor - Rocky Mtn. House	12.01	S.E.G.	Contract
13-A	North of Cadogan	0.34	S.E.G.	Day Labour
13-B-1	Bott Revision	2.00	S.E.G.	Day Labour
13-B-2	Daysland - Killam	18.23	S.E.G.	Contract
13-B-3	Camrose - Daysland	6.94	S.E.G.	Contract
14-C-1	Tofield - Holden	11.29	S.E.G.	Contract
14-C-2	Cooking Lake - Tofield	7.25	S.E.G.	Contract
14-C-3	Salisbury Corner - Junction Hwy. 16	2.65	S.E.G.	Day Labour
16-A-2	Innisfree - Stony Creek	12.18	G.W.	Contract
16-A-3	Vegreville - Innisfree	11.35	G.W.	Contract
16-C-3	Styal - Chip Lake	14.26	S.E.G.	Contract
16-D-1	Carrot Creek - Edson	3.87	S.E.G.	Contract
34-A-3	Smoky River - Junction Hwy. 2	7.03	S.E.G.	Contract
34-A-3	Smoky River - Junction Hwy. 2	3.86	G.W.	Contract
TOTAL		303.20	Miles	
S.E.G. Standard Earth Grade		249.98	Miles	
G.W. Grade Widening		53.22	Miles	
TOTAL		303.20	Miles	
By Contract		298.03	Miles	
By Day Labour		5.17	Miles	
TOTAL		303.20	Miles	

GRADING — SECONDARY HIGHWAYS

Highway	Location	Miles	Type	Work Done By
18-A-1	Pembina River - Barrhead Corner	8.41	S.E.G.	Contract
18-A-1	Clyde Corner - Pembina River	7.56	S.E.G.	Contract
21-A-2	Huxley - Lousana	2.19	S.E.G.	Day Labour
21-B-2	Bashaw - North of Ferintosh	14.81	S.E.G.	Contract
21-B-2	North of Ferintosh - Ervick	15.42	S.E.G.	Contract
24-A	Vulcan Corner - Mossleigh	0.70	S.E.G.	Contract
24-A	Mossleigh - Bow River	9.56	S.E.G.	Day Labour
25-A	Lethbridge - Picture Butte	16.33	S.E.G.	Contract
27-A	Harmattan Corner - Sundre	9.10	S.E.G.	Contract
28-A-1	Namoo - Gibbons	13.34	S.E.G.	Contract
28-A-1	Gibbons - Opal	15.00	S.E.G.	Contract
28-C-3	East of Rife - Shamrock Valley	10.02	S.E.G.	Day Labour
35-A-2	Dixonville - North Star	23.17	S.E.G.	Contract
43-A-1	Carvel Corner - Gunn	10.31	S.E.G.	Contract
43-B-1	Whitecourt - North of 16th Base Line	13.73	S.E.G.	Contract
43-B-1	North of 16th Base Line - Two Creeks	5.05	S.E.G.	Contract
43-B-2	Valleyview - Little Smoky River	10.32	S.E.G.	Contract
43-B-2	Little Smoky River - 10 Miles South	3.22	S.E.G.	Contract
45-A-4	Myrnam - Derwent	5.23	S.E.G.	Contract
45-A-4	Derwent - Junction Hwy. 41	4.03	S.E.G.	Contract
49-A-3	Belloy - Rycroft	9.78	S.E.G.	Day Labour
49-B-1	Rycroft - West of Spirit River	3.58	S.E.G.	Contract
49-B-1	West of Spirit River - Blueberry Cor.	4.57	S.E.G.	Day Labour
52-A	Raymond - Craddock	4.39	S.E.G.	Contract
53-A	Ponoka - East of Wood River P.O.	1.30	S.E.G.	Contract
54-A	Innisfail - Dickson	6.41	S.E.G.	Day Labour
54-A	Dickson - Caroline	12.44	S.E.G.	Day Labour
55-A	Bremner - Fort Saskatchewan	9.83	S.E.G.	Day Labour
TOTAL		249.80	Miles	
S.E.G. Standard Earth Grade		249.80	Miles	
By Contract		185.00	Miles	
By Day Labour		64.80	Miles	
TOTAL		249.80	Miles	

GRADING SUMMARY

	Main Hwys	Secondary Highways	Totals
Standard Earth Grade	249.98	249.80	499.78
Grade Widening	53.22		53.22
Totals	303.20	249.80	553.00
By Contract	298.03	185.00	483.03
By Day Labour	5.17	64.80	69.97
Totals	303.20	249.80	553.00

SHOULDER WIDENING
MAIN HIGHWAYS

Highway	Location	Miles	Work Done By
2-D-2 & 3	Wetaskiwin - Leduc	21.43	Day Labour (Grading and Gravelling)
3-B-1	Fort Macleod - Lethbridge	18.83	Contract (Grading and Gravelling)
	Total	40.26 Miles	
	By Contract	18.83 Miles	
	By Day Labour	21.43 Miles	

FIRST COURSE GRAVEL SURFACING
MAIN HIGHWAYS

Highway	Location	Miles	Work Done By
1-A-1	Dunmore - Walsh	24.18	Contract
1-A-2	Suffield - Dunmore	2.08	Contract
1-A-3	Brooks - Suffield	33.14	Contract
1-B-1	Bassano - Brooks	26.21	Contract
1-B-3/2	Calgary - Chestermere Lake	8.84	Contract
2-E-3	Perryvale - Athabasca	1.57	Contract
2-G-2	Enilda - Triangle	5.24	Contract
2-G-3	Triangle - McLennan	0.81	Contract
2-H-1	Berwyn - 6th Meridian	9.91	Contract
2-H-2	6th Meridian - South of Whitelaw	5.17	Contract
9-A-2	Kirby School - Drumheller	1.90	Contract
9-B-1	Drumheller - Morrin Corner	7.24	Contract
9-B-1	Morrin Corner - Delia	9.23	Contract
9-B-1	Delia - Hanna	9.65	Contract
9-B-1	Delia - Hanna	8.84	Day Labour
11-A-1	Junction Hwy. 2 - Sylvan Lake	11.06	Day Labour
11-A-3	Condor - Rocky Mtn. House	12.01	Contract
13-B-1	Bott Revision	2.00	Day Labour
13-B-2	Daysland - Killam	18.23	Day Labour
13-B-3	Camrose - Daysland	7.43	Contract
14-C-1	Tofield - Holden	11.29	Day Labour
14-C-2	Cooking Lake - Tofield	8.33	Contract
14-C-3	Salisbury Corner - Junction Hwy. 16	2.36	Day Labour
16-A-2	Innisfree - Stony Creek	12.18	Day Labour
16-A-3	Vegreville - Innisfree	11.35	Day Labour
16-C-3	Styal - Chip Lake	14.16	Day Labour
16-D-1	Carrot Creek - Edson	3.87	Contract
34-A-3	Smoky River - Junction Hwy. 2	10.89	Contract
	TOTAL	279.17 Miles	
	By Contract	187.70 Miles	
	By Day Labour	91.47 Miles	

FIRST COURSE GRAVEL SURFACING
SECONDARY HIGHWAYS

Highway	Location	Miles	Work Done By
18-A-1	Clyde Corner - Pembina River	10.25	Contract
18-A-1	Pembina River - Barrhead Corner	8.41	Day Labour
21-A-2	Huxley - Lousana	2.51	Day Labour
21-B-2	Bashaw - Ervick	27.41	Day Labour
24-A	Vulcan Corner - Mossleigh	0.70	Contract
24-A	Mossleigh - Bow River	9.56	Day Labour
25-A	Lethbridge - Picture Butte	16.33	Day Labour
27-A	Harmattan Corner - Sundre	9.48	Contract
28-A-1	Namao - Gibbons	13.34	Contract
28-A-1	Gibbons - Opal	15.00	Day Labour
28-C-3	Shamrock Valley - East of Rife	15.54	Day Labour
35-A-2	Dixonville - North Star	23.17	Day Labour
43-A-1	Carvel Corner - Gunn	13.58	Contract
43-B-2	Valleyview - Little Smoky River	25.08	Day Labour
45-A-4	Myrnam - Derwent	11.03	Contract
45-A-4	Derwent - Junction Hwy. 41	4.03	Contract
49-A-2 & 3	East of Belloy - Rycroft	21.62	Day Labour
52-A	Welling - Craddock	4.39	Day Labour
53-A	Ponoka - East of Wood River	0.56	Contract
54-A	Innisfail - Dickson	3.73	Day Labour
54-A	Dickson - Caroline	12.44	Day Labour
55-A	Bremner - Fort Saskatchewan	9.83	Day Labour
TOTAL		257.99	
By Contract		62.97 Miles	
By Day Labour		195.02 Miles	

REPLACEMENT GRAVEL SURFACING
MAIN HIGHWAYS

Highway	Location	Miles	Work Done By
2-J-1	Dunvegan - Woking	24.85	Day Labour
2-J-2	North of Sexsmith - North of Grande Prairie	12.09	Day Labour
9-B-2	Hanna - Youngstown	33.74	Contract
48-A-2	Irvine - Elkwater	24.20	Contract
TOTAL		94.88 Miles	
By Contract		57.94 Miles	
By Day Labour		36.94 Miles	

SECONDARY HIGHWAYS

Highway	Location	Miles	Work Done By
19-A-2	Westerose - Norbuck	23.06	Contract
20-A	Bentley - Sylvan Lake	11.10	Day Labour
21-A-1	Beiseker - Twining	26.22	Day Labour
22-A	Midnapore - Turner Valley	27.79	Contract
28-A-2 & B-1	North of Redwater - Smoky Lake	36.50	Contract
28-B-2	Spedden - Ashmont	6.16	Day Labour
42-A	Pine Lake - Lousana	10.36	Day Labour
TOTAL		141.19 Miles	
By Contract		87.35 Miles	
By Day Labour		53.84 Miles	

GRAVELLING SUMMARY

	Main Highways	Secondary Highways	Totals
First Course Graveling	279.17	257.99	537.16
Replacement Graveling	94.88	141.19	236.07
TOTALS	374.05	399.18	773.23
By Contract	245.64	150.32	395.96
By Day Labour	128.41	248.86	377.27
TOTALS	374.05	399.18	773.23

STABILIZED GRAVEL BASE COURSE
MAIN HIGHWAYS

Highways	Location	Miles	Type	Work Done By
1-B-2	Gleichen Corner Bassano	30.09	Road Mix Stabilized	Contract
1-B-3/1	Strathmore - Gleichen Corner	13.88	Road Mix Stabilized	Contract
2-A-1	Cardston - Carway	15.54	Road Mix Stabilized	Contract
2-A-2	Cardston Hill	0.33	Road Mix Stabilized	Contract
3-B-3	Castle River Revision	0.95	Road Mix Stabilized	Contract
3-B-3	Lundbreck - Bellevue	10.52	Road Mix Stabilized	Contract
3-B-4	Coleman - Crowsnest	11.32	Road Mix Stabilized	Contract
5-A-1	North of Spring Coulee - Cardston	19.83	Road Mix Stabilized	Contract
9-A-1 & 2	Inverlake - East of Beiseker	17.34	Road Mix Stabilized	Contract
9-A-2	East of Beiseker - Drumneller	29.50	Road Mix Stabilized	Contract
12-C-1 & B-2	Tees Corner - Stettler	30.81	Road Mix Stabilized	Contract
13-B-3	Camrose - Daystand	25.93	Road Mix Stabilized	Contract
14-C-2	Cooking Lake - Lindbrook	10.26	Road Mix Stabilized	Day Labour
14-C-3	Edmonton - Cooking Lake	9.46	Road Mix Stabilized	Day Labour
16-A-1	East of Borradaile - Kitscoty	4.26	Road Mix Stabilized	Day Labour
16-A-2	Approach to Vermilion	0.15	Road Mix Stabilized	Day Labour
16-D-1	Carrot Creek - Edson	24.48	Road Mix Stabilized	Contract
16-D-2	Edson - Galloway	4.44	Road Mix Stabilized	Contract
34-A-3	Smoky River - Junction Hwy. 2	20.39	Road Mix Stabilized	Contract
TOTAL		279.48 Miles		

By Contract 255.35 Miles
By Day Labour 24.13 Miles

ASPHALTIC SURFACING
MAIN HIGHWAYS

Highway No.	Location	Miles	Type	Work Done By
1-B-2	Gleichen Corner - Bassano	38.31	3" Hot Plant Mix Surface Course	Contract
2-A-1	Cardston - Carway	15.54	2" Hot Plant Mix Surface Course	Contract
3-A-1,2,& 3	Barnwell - Medicine Hat	74.86	Seal Coat	Contract
3-B-3	Castle River Revision	0.95	2" Hot Plant Mix Surface Course	Contract
3-B-3	Lundbreck - Bellevue	10.52	2" Hot Plant Mix Surface Course	Contract
3-B-4	Coleman - Crowsnest	11.32	2" Hot Plant Mix Surface Course	Contract
9-A-1 & 2	Inverlake - East of Beiseker	21.31	2" Hot Plant Mix Surface Course	Contract
14-C-3	Edmonton - Cooking Lake	10.80	2" Hot Plant Mix Surface Course	Day Labour
16-A-1 & 2	Stony Creek - East of Borradaile	19.66	5" Hot Plant Mix Surface Course	Contract
16-A-1	East of Borradaile - Kitscoty	8.16	5" Hot Plant Mix Surface Course	Contract
16-D-2	Edson - Galloway	18.36	2" Road Mix Surface Course	Day Labour

By Contract 229.79 Miles
By Day Labour 210.83 Miles
TOTAL 18.96 Miles

STABILIZED BASE AND ASPHALTIC SURFACING SUMMARY

By Contract (Stabilized Base Course)	255.35 Miles
By Day Labour (Stabilized Base Course)	24.13 Miles
By Contract (Hot Plant Mix Surface Course)	117.61 Miles
By Day Labour (Hot Plant Mix Surface Course)	18.96 Miles
By Contract (Road Mix Surface Course)	18.36 Miles
By Contract (Seal Coat)	74.86 Miles
Stabilized Base Course	279.48 Miles
Hot Plant Mix Surface Course	136.57 Miles
Road Mix Surface Course	18.36 Miles
Seal Coat	74.86 Miles

SUMMARY OF MATERIALS

Subgrade Preparation Gravel	117,571 Cubic Yards
Subgrade Preparation Clay	6,034 Cubic Yards
Stabilized Base Course Gravel	2,200,296 Tons
Asphaltic Surfacing Material	265,759 Tons
Shoulder Aggregate	104,095 Tons
Total Asphalt Used	9,583,981 Gallons
Seal Coat ½" Chips	10,350 Cubic Yards

TOTAL GRAVEL QUANTITIES TAKEN OUT UNDER ALL PROJECTS

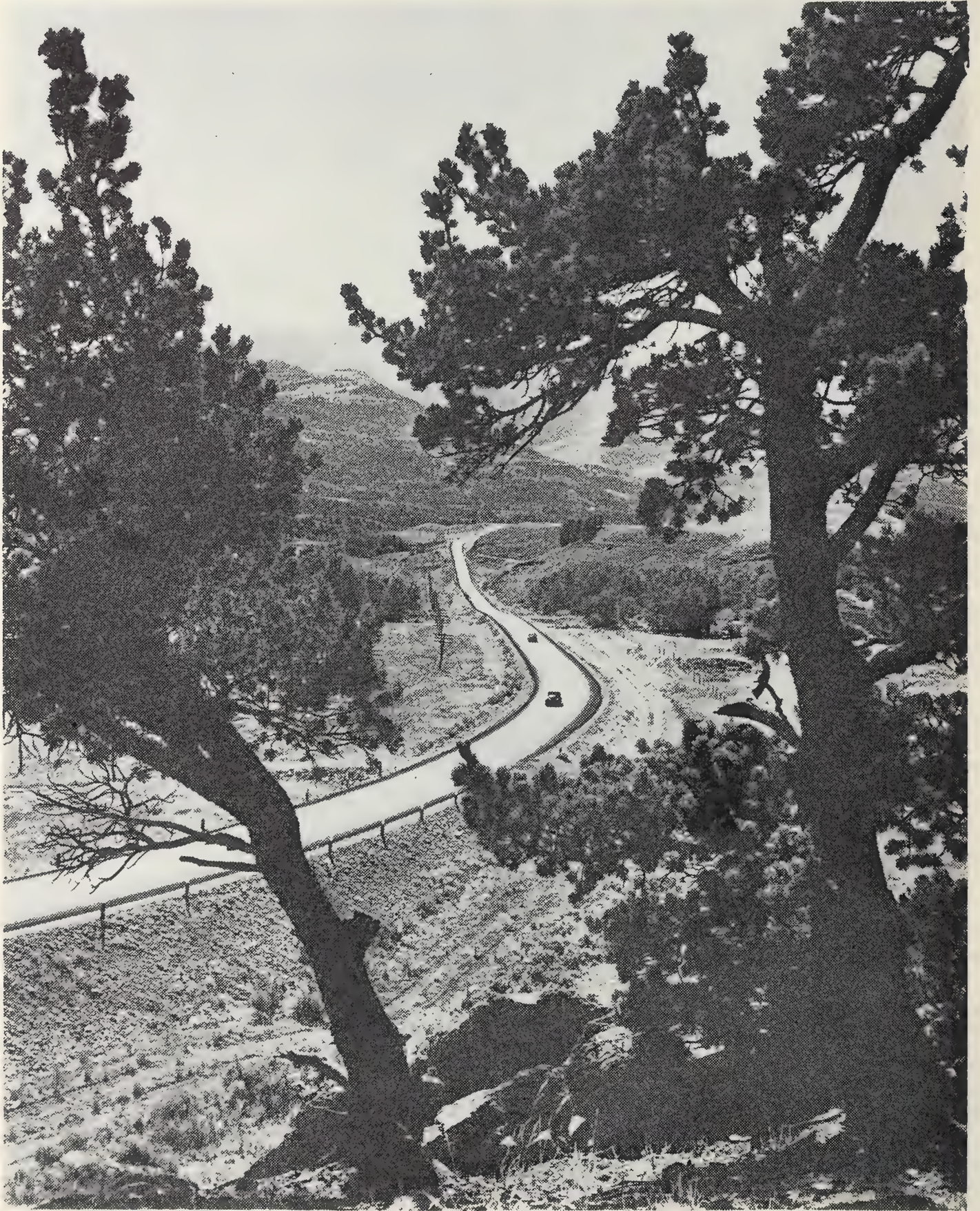
	Day Labour	Contract	Total C.Y.
Pit Run to Trucks	95,219	825,055	920,274
Pit Run to Stockpile	285,303		285,303
Pit Run from Stockpile	970	8,020	8,990
Crush to Trucks	123,189	552,938	676,127
Crush to Stockpile	302,067	602,056	904,123
Crush from Stockpile	293,296	1,083,460	1,376,756
Crush to R.R. Cars	59,760	10,105	69,865
TOTALS	1,159,804	3,081,634	4,241,438

CENTRE LINE PAINTING

Highway	Location	Miles	Work Done By
1-B-2	Gleichen - E. of Cluny	16	Day Labour
9-A-1	Inverlake - Beiseker	37	Day Labour
16-A-1 & 2	Stony Creek - Kitscoty	33	Day Labour
16-B-1	Mundare - Vegreville	13	Day Labour
	TOTAL	99 Miles	



Asphalt Bound Stabilized Base Course, south of Drumheller Hill, Highway No. 9



**Asphaltic Hot Plant Mix on Stabilized Gravel Base Course,
Highway No. 3, near Burmis.**

GOVERNMENT OF THE PROVINCE OF ALBERTA — DEPARTMENT OF HIGHWAYS
MAIN HIGHWAY CONSTRUCTION
STATEMENT OF EXPENDITURE APRIL 1, 1952 - MARCH 31, 1953

Project Number	Description	Total	Engineering	Grading	Culverts	Guide Posts	Fencing	Compensation	Moving Poles	Gravel Surfacing	Stabilized Gravel Base Course	Asphaltic Surface Course	Shouldering	Seal Coat	Miscellaneous	Grants to Incorporated Areas
30S3	General and Administration	\$ 293,121.55	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$293,121.55	\$
30T7	Pit Sidings	56,859.74	56,709.74	150.00												
2A1	Carway to Cardston	348,495.05	9,874.88	56.00				3,813.25			193,274.96	126,879.91	14,596.05			
2A2	Cardston to Macleod	16,140.84	1,352.64	4,423.11	1,782.11						8,532.77	50.21				
2B1	Macleod to Stavely	11.75														
2B2	Stavely to High River	6.00	6.00													
2B3	High River to Calgary	234,893.37	19,888.05	154,796.58	10,747.20		1,599.97	4,666.00	317.63	3,511.95	27,373.03	8,469.96	3,523.00			
2C1	Calgary to Carstairs	113,524.10	14,062.62	89,266.38	2,586.72		267.38	6,925.00	416.00							
2C2	Carstairs to Bowden	1,423.18	504.12								322.24	596.82				
2C3	Bowden to Red Deer	559.18	25.00								307.98	226.20				
2D1	Red Deer to Ponoka	516.76	58.65	458.11												
2D2	Ponoka to Millet	338,236.78	11,112.40	281,583.08	2,942.75	53.24	1,558.68	688.00		8,057.96	32,240.67					
2D3	Millet to Edmonton	67,215.94	4,087.35	5,297.83	88.80	16.31	12.82	10,068.10		264.12	47,180.74	58.97	140.90			
2E1	Edmonton to Legal	133.01		133.01												
2E2	Legal to Rochester	4,021.94		787.94				3,234.00								
2E3	Rochester to Athabasca	17,918.37	2,130.34	9,829.18	3,880.67		777.30			1,300.88						
2G2	Arcadia to Triangle	68,960.65	4,179.29	44,924.00	2,274.10	448.08	48.27	1,319.25		15,767.66						
2G3	Triangle to Donnelly	8,918.79	1,184.25	5,688.80	1,957.74			88.00								
2G4	Donnelly to Peace River	1,461.25		89.25				1,372.00								
2H1	Peace River to 6th Meridian	178,896.66	7,737.83	128,855.13	9,669.58			6,620.25		26,013.87						
2H2	6th Meridian to Dunvegan	130,745.88	9,261.29	97,756.51	8,888.12			6,613.70		8,226.26						
2J1	Dunvegan to Woking	40,097.04	7,371.89	20.00				32,705.15		26,260.85						
2J2	Woking to Grande Prairie	30,040.70	3,779.85													
2K1	Grande Prairie to Beaver Lodge	7,098.99	7,093.59	5.40												
2K2	Beaverlodge to British Columbia Boundary	1,753.30						1,750.30								
3A1	Medicine Hat to Bow Island	69,483.89	2,344.91					48.24						67,090.74		
3A2	Bow Island to Taber	70,087.27	1,145.16					12.90						68,929.21		
3A3	Taber to Lethbridge	12,413.14	669.10											11,744.04		
3B1	Lethbridge to Macleod	223,755.93	11,014.75	180,748.06	2,309.67	1,580.40	2,989.41	1,628.50	227.92				23,257.22			
3B2	Macleod to Pincher	1,631.52	25.16					1,534.80				71.56				
3B3	Pincher to Frank	343,610.81	24,668.29	16,052.18	1,864.54			1,549.50		81.88	192,338.65	86,864.23	15,970.10	4,221.44		
3D4	Frank to Crowsnest	399,092.89	16,538.37	11,145.66	359.90	255.17	16.73	4,699.43			212,865.36	125,736.78	23,031.31	4,444.18		
4A1	Lethbridge to Warner	1,658.69	47.03	1,611.66												
5A1	Lethbridge to Cardston	605,690.14	14,251.05	5,867.93				240.00			569,700.61	15,630.55				
5A2	Cardston to Waterton Park	5,376.22	101.20		704.82			4,570.20								
6A	Pincher to Waterton Park	10,986.11	8,774.79	1,443.82				767.50								
7A	Okotoks to Black Diamond—South	300.83		300.83												
8A	Calgary to Bowness Park	40.24	40.24													
9A1	Inverlake to Beiseker	141,589.22	4,915.08					2,323.85			53,251.97	67,974.20	13,124.22			
9A2	Beiseker to Drumheller	1,626,321.41	25,727.98	101,379.58	3,623.84	772.50	246.94	5,203.30		973.33	1,348,923.71	93,824.37	26,610.46	19,030.40		
9B1	Drumheller to Hanna	1,037,739.06	43,075.87	667,024.71	60,016.29	3,422.70	1,541.05	28,151.50	319.00	145,572.22	88,615.72					
9B2	Hanna to Youngstown	30,232.13	7,442.41							22,789.72						
10A	Drumheller to Wayne	7,224.53	7,143.35	81.18												
11A1	Red Deer to Sylvan Lake	352,973.03	17,593.79	230,844.64	20,970.02			12,723.75	73.10	19,765.99	50,219.64					
11A2	Sylvan Lake to Condor	5,658.20														
11A3	Condor to Rocky Mountain House	195,219.94	14,499.85	138,197.62	3,575.69	87.60	36.00	954.00		37,869.18						
11B	Rocky Mountain House to Brazeau	681.19		440.35		233.84	7.00									
12A	Compeer to Veteran	1,473.11														
12B1	Veteran to Castor	3.20	3.20													
12B2	Castor to Stettler	3,886.65	1,335.65	826.00				1,725.00								
12C1	Stettler to Lacombe	846,974.57	24,821.22	1,857.96	624.91	151.31	139.29	420.50	1,080.08	18,759.58	773,105.08	9,165.39	9,224.00	7,625.25		
12D1	Lacombe to Rimbey	574.75		105.00				469.75								
12D2	Rimbey to Norbuck	1,720.54						545.86								
13A	Hayter to Hughenden	16,364.04	15,208.04	1,156.00		1,174.68										
13B1	Hughenden to Sedgewick	71,567.60	12,020.98	56,458.35	359.40			1,940.00		788.87						
13B2	Sedgewick to Daysland	527,541.48	21,415.21	362,572.16	33,533.89		43.80	8,160.03	7,141.39	22,946.30	71,728.70					
13B3	Daysland to Camrose	949,876.77	20,201.63	79,204.94	11,955.67	139.05	248.99	2,540.40	656.71	10,579.76	819,920.10	2,891.68	1,201.76	336.08		
13B4	Camrose to Wetaskiwin	1,277.68	121.00			1,106.68										
14A	Saskatchewan Boundary to Wainwright	116.90	.90					116.00								
14B2	Irma to Viking	1,955.97	1,313.61			642.36										
14B3	Viking to Holden	6,393.95	6,393.95													
14C1	Holden to Tofield	289,537.05	17,483.99	244,676.34	31,426.02	272.33	1,527.23	5,258.32	197.53	20,670.25	67,897.04	128.00				
14C2	Tofield to Cooking Lake	704,270.22	21,233.44	130,430.98	11,340.44	456.83	182.44	3,077.98		1,383.40	487,057.31	48,869.32	238.08			
14C3	Cooking Lake to Edmonton	361,773.08	9,236.07	5,433.51	27.67		92.43	9,003.47		6,298.21	179,791.58	150,269.67	1,620.47			
15A1 Conn.	Salisbury Corner to Highway No. 16	85,363.59	2,480.12	70,718.31	2,878.44		904.95	1,985.00	2,416.05	2,374.22		1,606.50				
15A1	Edmonton to Fort Saskatchewan	13,608.11	511.22					1,310.00			15.98					
15A2	Fort Saskatchewan to Mundare	3,354.44	3.00	250.00				3,093.14		8.30				11,770.91		
16A1	Lloydminster to Vermillion	300,588.47	8,131.67	458.72			30.05	30.00		39,589.67	239,108.72	13,197.54				
16A2	Vermillion to Innisfree	468,730.17	20,273.87	285,457.90	20,648.03		5,215.52	13,229.50	1,551.96	11,777.82	3,232.11	92,573.57	14,769.89			
16A3	Innisfree to Vegreville	272,268.18	16,638.00	223,062.09	16,664.44		3,693.43	175.00	1,611.07	10,416.68	5.25	2.22				
16B1	Vegreville to Chipman Corner	670.77	26.32							644.45						
16B2	Chipman Corner to Edmonton	6,136.92	783.82	405.40				4,390.00		554.28	3.42					
16B2 Conn.	Edmonton East to Highway No. 16	5,797.46	613.02	4,467.43	717.01											
16C1	Edmonton to Carvel Corner	5,050.74	5,050.74													
16C2	Carvel Corner to Entwistle	2,600.18	89.54					2,349.24		78.75						
16C3	Entwistle to Carrot Creek	855,860.23	31,823.40	703,642.92	18,486.03		1,872.20	7,655.00	196.57	27,875.67	64,308.44	45,187.90	23,807.83			
16D1	Carrot Creek to Edson	1,024,715.47	22,501.25	107,932.56	1,334.51		366.00	1,308.08		9,665.90	836,419.27	171,168.48				
16D2	Edson to Obed	352,707.14	22,825.64	65,336.88	569.23						68,999.08					
17A	Lloydminster to River Course	51.15						51.15								
17B	Lloydminster to 20 Miles North	1,817.00						1,817.00								
18A1	Clyde Corner to Barrhead Corner	416,464.73	22,165.25	253,424.34	34,888.14	784.65	1,558.63	23,630.56	10,753.14	69,260.02						
18A2	Barrhead Corner to Fort Assiniboine	173.10		92.10				86.00								
18B1	Wetaskiwin to Westerose	279.73		200.00				79.73								
18B2	Westerose to Norbuck	27,399.97	965.40			960.10				25,474.47						
18B3	Bentley to Sylvan Lake	9,435.46	866.44							8,569.02						

MAIN HIGHWAY CONSTRUCTION
STATEMENT OF EXPENDITURE APRIL 1, 1952 - MARCH 31, 1953

Project Number	Description	Total	Engineering	Grading	Culverts	Guide Posts	Fencing	Compensation	Moving Poles	Gravel Surfacing	Stabilized Gravel Base Course	Asphaltic Surface Course	Shouldering	Seal Coat	Miscellaneous	Grants to Incorporated Areas
21A1	Beiseker to Trochu	22,568.99	727.10					600.00		21,241.89						
21A2	Trochu to Junction No. 12 Highway	55,092.48	4,735.36	38,311.45	3,438.08		30.00	3,543.00		5,034.59						
21B1	Junction No. 12 Highway to Bashaw	210.50	77.50					133.00								
21B2	Bashaw to Ervick	454,031.95	26,586.24	304,439.06	52,937.48	3,846.83	1,319.24	24,599.05		40,304.05						
22A	Midnapore to Black Diamond	34,210.73	1,741.81							32,468.92						
23A1	Monarch to Champion	330.00						330.00								
23A2	Champion to High River	60.00						60.00								
24A	Vulcan Corner to Cheadle	184,469.61	16,451.90	104,203.21	19,814.27	75.00	32.00	3,901.16	675.00	39,317.07						
25A	Lethbridge to Turin	348,785.11	19,241.55	187,270.37	13,145.52			11,488.06	1,081.74	26,592.60	89,965.27					
27A	Olds to Sundre	192,354.12	20,789.90	117,698.35	10,136.99	368.07	348.29	6,902.50	8,809.19	3,987.62	18,930.75	4,382.46				
28A1	Edmonton to Namao	852,729.40	52,128.48	480,458.86	36,046.47	1,194.51	6,204.94	22,757.50		251,996.23	1,942.41					
28A2	Opal to Waskatenau	22,386.56	983.15							21,403.41						
28B1	Waskatenau to Vilna	11,937.42	670.06							11,267.36						
28B2	Vilna to St. Paul	7,449.01	231.23	22.88						7,194.90						
28B3	St. Paul to Junction No. 41 Highway	6,311.36	851.65	2,852.76				2,014.72		592.23						
28C1	Cold Lake to Beaver Crossing	91.90						83.00		8.90						
28C2	Beaver Crossing to East of Rife	1,145.13						1,145.13								
28C3	East of Rife to Junction Highway No. 41	170,431.04	9,799.92	110,769.71	5,897.74	953.50	567.21	5,871.00		36,571.96						
34A2	Valleyview to 6th Meridian	11,657.56	8,423.01	102.95						3,131.60						
34A3	6th Meridian to Junction No. 2 Highway	1,043,894.34	20,531.64	167,185.76	19,985.02		10.56	2,609.50	550.40	27,384.70	805,636.76					
35A1	Grimshaw to Dixonville	431.30		411.30				20.00								
35A2	Dixonville to Hotchkiss	378,621.46	17,336.91	241,242.97	38,469.63		75.00	3,627.65	198.00	77,523.52	147.78					
36B1	Viking to East of Lavoy	7,536.92	7,504.88				32.04									
37A	Namao to Coronado	1,841.05		656.95				1,184.10								
38A	Edmonton Country Club Road	114.00		114.00												
39A1	Leduc to 5th Meridian	36,283.22	632.93	1,009.89				443.00	1,000.37	33,197.03						
39A2	5th Meridian to Norbuck	43.80		1.00				42.80								
41A2	Vermilion to Junction No. 28 Highway	2,238.06	23.00	142.98				1,840.61		231.47						
42A	Penhold to Lousana	22,956.12	1,080.57			27.51				21,848.04						
43A1	Carvel Corner to Sangudo	236,106.28	18,307.79	164,955.34	13,210.74	2,282.27	410.06	6,132.00		30,808.08						
43B1	Whitecourt to Iosegun Lake	535,622.31	31,267.90	460,421.95	36,964.38	6,072.90		888.58		6.60						
43B2	Iosegun Lake to Valleyview	717,316.88	30,863.49	597,609.45	53,459.78	2,044.12	66.81	746.75		32,526.48						
45A1	Bruderheim to Andrew	83.30						83.30								
45A4	Myrnam to Rusylvia	178,629.98	10,713.44	119,726.77	12,975.07	1,785.15	230.00	3,698.10	912.37	28,589.08						
46A	Radway to Boyle	278.00		200.00				78.00								
47	Bickerdike to Mountain Park	571.30						571.30								
48A1	Wildhorse to Elkwater	2,332.57	58.07							2,274.50						
48A2	Elkwater to Irvine	24,494.34	731.66					706.70		23,055.98						
49A1	Donnelly to Watino	9,558.08	37.50	9,109.10	36.48			375.00								
49A2	Watino to Belloy	26,926.12	7,237.37	4,398.66	3,605.44		242.72	349.00		11,092.93						
49A3	Belloy to Rycroft	170,646.38	11,533.40	104,449.77	23,665.74	15.60	2,279.88	514.54		28,187.45						
49B1	Rycroft to Blueberry Corner	177,008.75	7,438.54	145,212.41	13,423.73	606.07		195.00		10,133.00						
51A	Bentley to Gilby Corner	881.95	200.75					681.20								
52A	Welling to Craddock	96,649.85	23,123.53	51,567.20	7,453.51	315.81	268.00	440.00		13,481.80						
53A	Ponoka to West of Dorenlée	18,367.62	1,367.48	11,404.70	1,204.42		.88	1,053.67		3,336.47						
54A	Innisfail to Dickson	355,665.67	13,815.87	275,484.16	23,286.58	102.60	254.12	11,869.75	2,255.35	28,597.24						
55A	Fort Saskatchewan to Bremner	190,575.32	9,147.59	144,330.09	10,119.98		1,170.72	15,983.00	609.87	5,471.52	3,742.55					
43.35	Ashmont to Rife	5.75						5.75								
43.36	Calmar to Junction No. 16 Highway	680.00	550.00					130.00								
40.00E5	Town of Cardston	29,226.61	6.40	163.00	2,242.78						21,130.25	5,684.18				
40.00E11	Town of Coleman	50,591.48	5,652.67	37,951.79							1,000.44	5,986.58				
40.00E15	Town of Edson	27,926.38			433.48						27,492.90					
40.00E23	Town of Redcliffe	2,565.00														2,565.00
40.00E28	City of Red Deer	507.00														507.00
40.00E42	City of Drumheller	273.00														273.00
40.00E43	City of Wetkaskiwin	426.00														426.00
40.00E47	City of Lethbridge	1,750.50														1,750.50
40.00E54	Town of Stettler	53,392.01								22.25	52,896.46		473.30			
40.00E71	City of Edmonton	8,328.00														8,328.00
40.00E72	City of Calgary	5,286.00														5,286.00
40.00E74	Village of Westlock	6,422.28		6,343.78	78.50											
		\$21,640,507.73	\$1,055,247.94	\$8,667,694.44	\$725,822.45	\$32,247.77	\$39,301.08	\$345,022.58	\$43,050.44	\$1,475,726.07	\$7,260,106.65	\$1,304,052.88	\$184,786.13	\$195,192.25	\$293,121.55	\$19,135.50

TRANS-CANADA HIGHWAY:— APPROPRIATION 2156

1A-1	Walsh to Dunmore	\$ 589,255.29	\$ 24,338.49	\$ 459,969.95	\$ 34,774.40		\$19,476.06	\$ 5,449.40	\$	\$ 45,246.99	\$	\$				
1A-2	Dunmore to Suffield	43,550.90		12,083.22	1,568.03		8,401.49	8,507.00		1,971.52						
1A-3	Suffield to Brooks	734,765.30	21,918.11	529,301.95	25,279.16		13,506.00	21,507.50		123,252.58						
1B-1	Brooks to Bassano	541,743.62	28,910.38	427,151.11	18,633.56		13,119.00	14,280.40		39,479.61						
1B-2	Bassano to Gleichen Corner	1,530,062.27	37,133.36	45,646.39	16,521.55		156.40	4,090.50	169.56							
1B-3/1	Gleichen Corner to Strathmore	1,035,591.85	22,811.19	67,405.19	2,262.33		80.00	2,016.34	1,010.08		862,692.78	433,757.37	129,053.84			
1B-3/2	Strathmore to Calgary	344,243.43	22,258.72	240,886.82	19,775.53		10,328.78	20,627.53		930,682.70						
1-C-1	Calgary to Radnor	4,865.45	70.45	4,275.00				520.00	197.46	30,168.59						
1-C-2	Radnor to Banff Park Gates	54.93														
40.00E23	City of Medicine Hat	101,876.80		91,359.87	8,636.63		495.35	1,384.95								
40.00E72	City of Calgary	101,412.12		80,955.20	192.00		690.00	3,300.00		12,743.68		3,200.93				
		\$ 5,027,421.96	\$ 168,515.27	\$1,959,034.70	\$127,643.19	\$	\$66,253.08	\$ 80,298.67	\$ 3,092.36	\$ 240,119.29	\$1,806,119.16	\$ 447,292.40	\$129,053.84			

SUMMARY:	
Appropriation 2154	\$21,640,507.73
Appropriation 2156	5,027,421.96
Grand Total	\$26,667,929.69
Salaries are included in above totals.	

N.B.—ADD S.W. 35 52/53—Construction of Road At Spirit River	\$ 47,954.58
S.W. 54 52/53—Grant to City of Calgary For Construction of Subway 4th Street West	\$125,000.00

BRIDGE CONSTRUCTION AND MAINTENANCE

April 1st, 1952, to March 31st, 1953

(L. G. GRIMBLE, Chief Bridge Engineer)

SUMMARY OF WORK UNDERTAKEN:

Superstructure was completed for the steel bridge over the North Saskatchewan River connecting the Town of Beverly with the district of Clover Bar, on main Highway 16 at the easterly edge of the City of Edmonton. This is a high level bridge made up of 3 continuous deck trusses of lengths 165', 231', and 165' with 2 deck truss approach spans of 132' and an 80' approach girder on one end and a 50' girder on the other. The deck is reinforced concrete with 26' clear roadway and 2-5' sidewalks.

The concrete substructure was completed for a bridge over the Athabasca River at Whitecourt on Highway 43. The concrete piers rest on timber piles driven into the stream bed. This bridge has main spans of 200' and 250' with an 80' approach girder each end. The deck was made up of precast light weight concrete.

The concrete substructure was completed for a bridge over the McLeod River at Whitecourt on Highway 43. This bridge consists of 1-70' girder span, 1-150' through truss, 1-200' through truss, 1-150' through truss and 1-70' girder.

A bridge over the House River South of Valleyview on Highway 43 was completed. It is a steel girder bridge on concrete piers with spans 60', 80' and 2-28' approaches. The deck is laminated timber with an asphalt wearing surface.

The substructure for a 3 span continuous girder bridge over the Little Smoky River South of Valleyview on Highway 43 was completed except for one pier. The bridge has span lengths of 88', 110' and 88'.

The substructure was constructed for a high level bridge over the McLeod River 8 miles east of Edson on Highway 16. The bridge will be made up of 3 span continuous deck trusses of 165', 231' and 165' with 60' approaches each end. The piers rest on sand stone rock close to stream bed elevation.

A steel bridge was constructed over the Bow River at Canmore. It is made up of 2-100' pony trusses and 1-35' approach girder. The bridge has a 16' clear roadway and 1 sidewalk.

A 3-20' span bridge was constructed over the Vermilion River and is adapted to serve as a spillway for the Canadian Utilities Limited Dam. This bridge has a 30' clear roadway and a sidewalk.

A 135' steel through truss was erected over the Hart River North of High Prairie replacing an old timber truss. The new bridge has a laminated deck of treated timber with an asphalt plank wearing surface.

A 1-70' steel girder on reinforced concrete piers with a 28' precast concrete approach at each end was constructed over Michichi Creek in North Drumheller on Highway 9. This bridge was constructed on a 10° curve and has a 34' clear roadway. In conjunction with this project 1½ mile of the creek was lined with treated timber tongue and groove retaining wall to confine the creek to its channel.

A precast concrete bridge on treated timber pile bents made up of 6-28' spans and 4-20' spans was constructed over Slave River on Highway 2.

A precast concrete bridge was constructed on Highway 11 over the Canadian Pacific Railway tracks near Rocky Mountain House. This is made up of 4-20' spans and 1-28' centre span.

SUMMARY:

Appropriation 2104-B—Salaries	\$ 57,714.51
Appropriation 2104-B-1—Main and Secondary Highways	\$ 372,371.95
Appropriation 2104-B-2—Bridges, Municipal & Improvement Districts	\$1,050,733.43
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Total Expenditure, Appropriation 2104-B	\$1,480,819.89
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Appropriation 2153 B—Bridges Construction	\$1,999,904.13

TRANS-CANADA HIGHWAY BRIDGES

A bridge over MacKay Creek at Walsh, consisting of 3-28' and 2-20' spans precast concrete, 33' clear roadway on precast piling was constructed in its entirety of precast concrete.

Construction of an overpass over the C.P.R. south east of Medicine Hat on Highway 1-A-1 consisting of 4-28' and 2-32' precast concrete spans, 30'-6" roadway placed on reinforced concrete columns, was completed.

Two reinforced concrete arch culverts were constructed to accommodate Seven Persons Creek near Medicine Hat, one 180' long, 14' high, 25' wide and one 204' long, 10' high, 18' wide.

A reinforced concrete continuous slab grade separation, consisting of 2-35' and 1-45' spans was constructed over old Highway No. 1 near Redcliff.

An overpass over the C.P.R. 1½ miles south east of Redcliff consisting of 3-28' and 2-20' spans with a precast concrete deck, on reinforced concrete substructure was completed.

A reinforced concrete rigid frame grade separation was constructed over Highway 3-A-1 near Medicine Hat. It is a 40' span and has a 44' roadway.

A total of 6 precast concrete bridges varying in length from 60' to 124' were built on the Trans-Canada Highway at the following points:—Chestermere Lake, Spring Hill Canal at Bassano, Bantry Canal at Brooks, Ross Creek at Irvine, one at Larmour and one at MacKay Creek near Walsh.

APPROPRIATION 2156 B

Salaries	\$ 5,026.84
Bridge Expenditure in connection with Trans-Canada Highway	\$ 891,133.99
Total Expenditure, Appropriation 2156-B, (Bridges)	\$ 896,160.83

SUMMARY OF WORK UNDERTAKEN FOR THE FISCAL YEAR 1952-53**STEEL BRIDGES**

Constructed	07
Reconstructed	18
Repaired	90
Minor Repairs	74

PRECAST CONCRETE BRIDGES

Constructed (new construction)	10
Constructed (replacing timber bridges)	65
Constructed (replacing culverts)	07
Repaired	08

REINFORCED CONCRETE CULVERTS

Constructed (replacing bridges)	03
Constructed (new construction)	12

STEEL CULVERTS

Constructed (new construction)	15
Constructed (replacing bridges)	157
Constructed (replacing timber culverts)	16
Constructed (replacing concrete culverts)	03
Reconstructed	17

TIMBER CULVERTS

Constructed	01
Repaired	06
Extended	06

TIMBER CATTLEPASSES

Constructed	02
Extended	02
Repaired	02

TIMBER BRIDGES

Constructed (new construction)	24
Reconstructed	44
Repaired	124
Minor Repairs	116
Bridges Replacing Culverts	03

Total	832
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TRANS-CANADA HIGHWAY**SUMMARY OF WORK UNDERTAKEN FOR THE FISCAL YEAR 1952-53****PRECAST CONCRETE BRIDGES AND OVERPASSES**

Constructed	11
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REINFORCED CONCRETE CULVERTS AND CATTLEPASSES

Constructed	23
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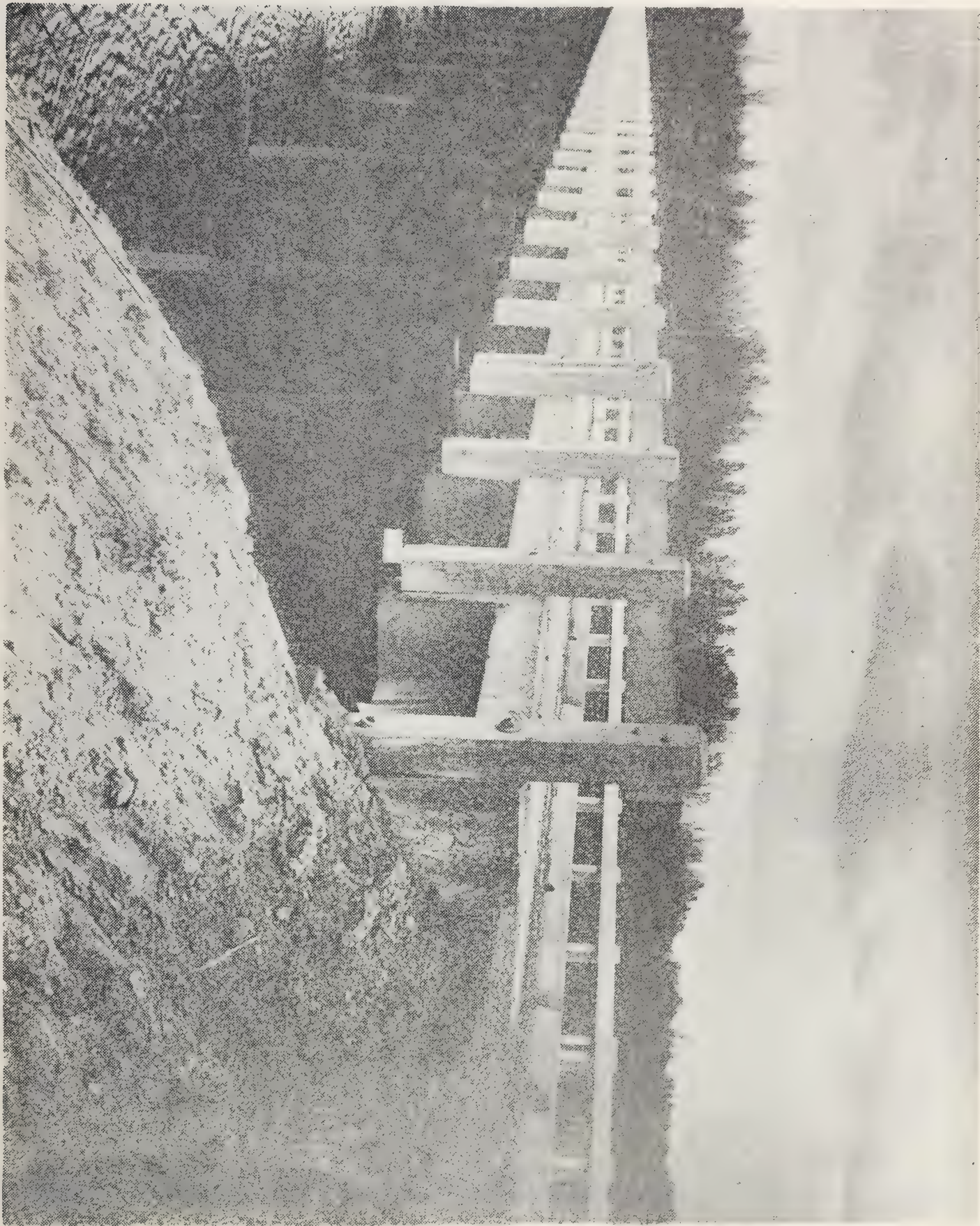
REINFORCED CONCRETE GRADE SEPARATIONS

Constructed	02
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Total	36
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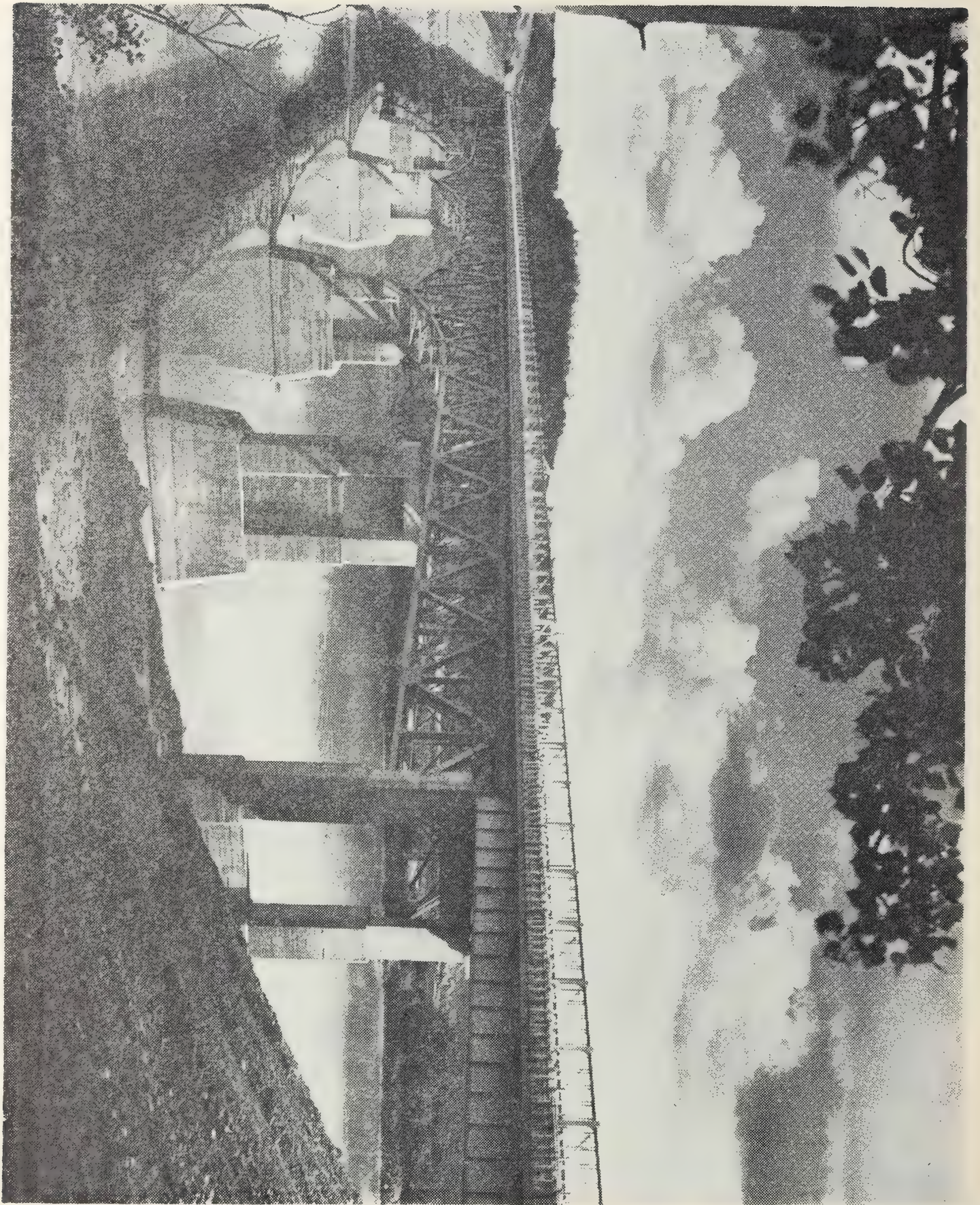


Precast Concrete Overpass on Highway No. 11 over Canadian Pacific Railway near Rocky Mountain House



Precast Concrete Bridge over the Slave River, on Highway No. 2

Clover Bar Bridge over the North Saskatchewan River, on Highway No. 16



SURVEYS BRANCH

Report for the Year Ending March 31st, 1953

(C. W. Lester, Director of Surveys)

SURVEYS: Field Work

During the year, six field parties were employed from the first of May until the end of October on surveys of Main Highways, new roadways, road diversions and miscellaneous surveys. The greater volume of this work consisted of legal surveys of new main highways and widening of highways. It was not necessary to hire a private surveyor for inspections as one of our District Surveyors has been appointed an Inspector of Surveys. Four inspections were made in the Calgary area at the request of the Registrar, Land Titles Office, Calgary and reports were made to him accordingly under Section 59 of The Alberta Surveys Act. Approximately 503 miles of main highways were surveyed during the 1952 season. This work involved, in addition, the re-establishment of approximately 299 miles of intersected land lines. The survey of sixteen other projects was undertaken.

On two or three occasions it was necessary to hire private surveyors to have emergent surveys made for the Alberta Liquor Control Board, the Department of Public Works and the Department of Municipal Affairs, as all our permanently employed surveyors were busily engaged on main highway work.

The Branch also made the necessary technical arrangements for new township surveys in the Blueberry Mountain, Valleyview and High Prairie areas. Phillips, Hamilton and Associates, completed the survey of four and one-half townships in the Battle River area which had been started in 1951 and completed the survey of two new townships south of Valleyview. K. F. McCusker completed approximately four townships in the Blueberry area; and Hugh J. Pritchard completed two half townships south of High Prairie and approximately twenty-five miles of restoration survey made necessary because of the destruction of monuments done by seismographic crews in oil exploration.

Other surveys carried out during 1952-53 winter season in which the Branch was indirectly involved was the completion of the Alberta-British Columbia boundary to the intersection with the 60th parallel of latitude which is the Alberta-Northwest Territories Boundary. This work was under the control of Mr. G. Palsen, D.L.S., A.L.S., head of the party. Mr. C. B. C. Donnelly, A.L.S., D.L.S., surveyed the Alberta-Northwest Territories Boundary for approximately fifty-four miles from Fort Smith west to connect with the survey he made in the winter of 1950-51. The cost of the Alberta-British Columbia Boundary survey is shared jointly by the two provincial governments and the Canadian Government; that of the Alberta-Northwest Territories Boundary by the Alberta Government and the Canadian Government. The boundaries of the Province have now been surveyed and monumented with the exception of the Alberta-Northwest Territories Boundary from Fort Smith east to the Alberta-Saskatchewan Boundary a distance of approximately 65 miles.

SURVEYS: Office Work

Plans and office copies of field notes of surveys made during the summer were prepared by the District Surveyors and Assistant Surveyors

during the winter months. One hundred and fifteen (115) plans were thus prepared in all cases in duplicate, and in some cases in triplicate; ninety-five (95) other plans of surveys were prepared by the Drafting Room staff during the year; one hundred and fourteen (114) plans of Provincial Government surveys and one hundred and fifty-seven (157) plans of Municipal District surveys were checked by the office staff prior to registration in the Land Titles Office; twenty-eight (28) other plans which were not required to be registered were also checked and approved. The Drafting Room staff also proceeded with the preparation of new and revised official plans of various new township subdivision surveys undertaken for the Department of Lands and Forests and did considerable amount of checking work on the notes and astronomical observations of the township surveys. Revision of fifty-five (55) township plans were requested by the Department of Lands and Forests in accordance with The Forestry Act which eliminates road allowances within the boundaries of Forest Reserves.

The number of transfers prepared covering abandoned roadways and other lands no longer required by the Department of Highways was nearly one hundred more than the number in 1951-52. During the year, 445 of these transfers were issued. In practically all cases, these abandoned roadways were transferred to the owners of adjacent lands.

COMPENSATION FOR ROADWAYS

Five Right-of-Way Buyers were employed during the summer of 1952-53, one of them employed at Lethbridge for approximately two months, one at Calgary and three at Edmonton. They are mainly employed on the negotiating of agreements for land required and property damages with owners of lands affected by main highway construction. On the odd occasion when the Resident Engineer encountered difficulty, they assisted with compensation settlement of borrow pits and gravel pits. Approximately 2,000 agreements were completed with property owners during the course of the year. The number of payments made during the year was 1,825 involving a total sum of \$422,863.39 as compared with 2,833 payments during the 1951-52 season involving the sum of \$534,429.74.

APPROVAL OF TOWNSITE PLANS

Pursuant to the regulations made under the provisions of The Public Works Department Act, 458 plans of new townsites and of additions to existing townsites were approved with respect to the provisions made for streets, lanes and Public Reserves. This number was nearly one hundred more than the number of plans approved during 1951-52. Thirty (30) Certificates of Titles were issued to the Department of Public Works upon registration of these plans for parcels reserved for public works and park purposes.

LEASES OF ROAD ALLOWANCES AND PUBLIC WORKS RESERVES

In accordance with arrangements made in 1948, the leasing of road allowances in the southern part of the Province continued to be handled by the Department of Lands and Forests, while the Surveys Branch of the Department of Highways remained responsible for leases of road

allowances north of approximately Township 36.

During the fiscal year 12 new road allowance leases were issued and 236 were renewed in the northern part of the Province. Six (6) leases were cancelled. Twenty-seven (27) existing leases of public works reserves at various urban points were renewed and nine (9) new leases were issued.

PERMITS FOR UTILITIES, ETC., AFFECTING PUBLIC ROADWAYS

During the fiscal year, 193 permits for new power transmission lines were issued as compared with 126 for 1951-52, and 330 pipe line permits were issued as compared with 228 for 1951-52. The Branch also issued permits for 8 sewer pipe lines and 9 water pipe lines affecting public roads and road allowances.

BLUEPRINTING and MAP PRODUCTION

Blueprinting consumed 179,025 square feet of blueprint paper as compared with 193,321 square feet for 1951-52.

The Provincial map which was last revised in 1946 was revised during the year, aerial photographs being used to chart the topographical features in the unsurveyed territories of the Province. The contract for lithographing 500 copies of the map was let to the Stovel-Advocate Company of Winnipeg, Manitoba.

The total value of map mounting and printing work done by the Branch for various Departments of the Government during the year was \$12,137.19 as compared with \$11,678.19 for the preceding fiscal year.

PURCHASES OF SITES FOR PUBLIC BUILDINGS

The volume of work done in this connection by the Branch for the Department of Public Works was slightly more than the preceding year. Fifteen (15) Certificates of Title for new public building sites were received.

The following is a summary of the work of the Branch described above:

Surveys required and brought forward from 1951	447
Surveys asked for during 1952	219
Surveys made during 1952	115
Surveys carried over to 1953	551
Plans submitted and examined on behalf of Municipal Districts	157
Plans prepared and filed in Land Titles Office	114
Other plans of survey prepared	95
New and Revised Township Plans Prepared	17
Certificates of Title received for lands given for public purpose under Departmental regulations as to subdivisions	30
Certificates of Title to public buildings	15
Transfers issued covering lands no longer required	445
Number of Plans of subdivisions approved	458
Plans of re-established corners under Section 78 Alberta Surveys Act	28
Plans submitted by Department of Water Resources	6
Plans of power transmission lines approved	193
Water pipe line permits	9
Sewer pipe line permits	8
Plans of Gas and Oil pipe line permits approved	330
Vouchers issued for compensation	1,825
Leases of road allowances in force	248
New Leases of road allowances issued	12
Leases of Public Works Reserves issued	36

HIGHWAY TRAFFIC BOARD

(H. R. Clark, Chairman — J. Pritchard, Secretary)

During the past fiscal year ending March 31st, 1953 an increase of approximately 12½% in registration of motor vehicles coming under the jurisdiction of the Board is noted, as total registrations for the year were as follows:

Buses	487	Public Service	10,139
Liveries	876	Commercial Vehicles	11,541
School Buses	1,648	City and Urban	6,517
Drive Yourself	183	Government, Provincial, Federal	
Farm Trucks	55,280	and Municipal	4,236
Grain Hauling	170	Miscellaneous	11,016
		TOTAL	102,093

Many items relative to highway transportation were dealt with by the Board, new regulations were promulgated and all regulations were revised and consolidated.

The Board offices were moved from the Qu-Appelle Block to more spacious quarters in Provincial Building No. 2.

During the year the Board considered and reviewed applications for new bus franchises, transfers, etc., which were approved as follows:

NEW FRANCHISE

St. Paul to Saddle Lake Indian Reserve	P. Bovchuk
Sask. Border to Cold Lake	Blue Coach Lines
Rivierre Qui Barre to Edmonton	L. C. McLeod
Viking to Hanna	R. A. Carbol
Luscar to Cadomin	Douglas and Johnson
Medicine Hat, City of	Medicine Hat Transit Ltd.

EXTENSIONS

Beverly to Celenese Plant	Beverly Bus Lines
Turin to Vauxhaull	Lethbridge Northern Bus Lines

TRANSFERS

Drumheller to Stettler	Cardinal Coach Lines
Edmonton to Lloydminster	Alberta Eastern Bus Lines Ltd.
Caroline to Rocky Mountain House	W. Kanten
Caroline to Red Deer via Innisfail	W. Kanten
Caroline to Calgary via Sundre	W. Kanten
Edmonton to Whitecourt	Canadian Coachways Ltd.
Edmonton to Lac La Nonne	Canadian Coachways Ltd.
Edmonton to Red Deer via Breton	Western Motor Coaches Ltd.
Edmonton to Calmar via Devon	Western Motor Coaches Ltd.
Calgary to Forestlawn	Torchinsky & Ratcliffe
Edmonton to Violet Grove	S. A. Franklin

DISCONTINUED

Wainwright to Vermilion	H. Frye
Claresholm to Airport	A. Senft
Nordegg Townsite	G. Blassetti

Certificates in effect at March 31st, 1953, are listed herewith:

Alberta Trailways	Calgary to Majorville
Allen & Wilson Bus & Taxi Service	Ponoka to Mental Hospital
Beverly Bus Lines	Edmonton to Beverly
	Edmonton to Elk Island
Blue Goose Lines	Edmonton to Lac La Biche
	Edmonton to Namao
Branch Lines Ltd.	Edson to Cadomin
Baker, Hugh W.	Edmonton to Fort Saskatchewan
Canadian Coachways Ltd.	Edmonton to Flatbush
	Edmonton to Athabasca
	Edmonton to Calmar
	Edmonton to High Prairie
	Grande Prairie to High Prairie
	Grande Prairie to B.C. Border
	Edmonton to Red Deer
	High Prairie to Hines Creek
	High Prairie to Peace River
	Peace River to N.W.T. Border

Clipper Coachways	Hanna to Viking
Cardinal Coach Lines	Calgary to Stettler
	Red Deer to Consort
	Stettler to Drumheller
Crown Coal Co. Ltd.	Edmonton to Starkey Mine
Diamond Lines	Edmonton to Oil Refineries
	Edmonton to West Jasper Place
Edmonton Transit System	Edmonton to Imperial Oil Refinery
	Edmonton to McColl Frontenac Refinery
Ferstay, John	Crowsnest District
Forest Lawn Bus & Truck Service	Calgary to Hubalta
Grande Prairie Livery	Grande Prairie to Airport
Highway Coach Lines Ltd.	Edmonton to Myrnam
Alberta Eastern Bus Lines	Edmonton to Derwent
Hamilton, J. J. Coal Co.	Miner's Library, to Federal Mine (Lethbridge)
Ideal Coachways	Caroline to Red Deer
	Caroline to Calgary
	Caroline to Rocky Mountain House
Lethbridge Northern Bus Lines	Lethbridge to Turin
	Lethbridge to Picture Butte
Monden Transportation	Calgary to Longview
	Calgary to Ogden
	Calgary to Nitrogen Plant
	Calgary to Bears paw Dam
Northland Arrow Lines	Edmonton to Barrhead
	Barrhead to Ft. Assiniboine
	Edmonton to Westlock
Petrone, Guido	Hillcrest to Mohawk Mines
Reith Bus Lines	Stettler to Drumheller
Samis Collieries	Edmonton to Mine and Namao
Senft, Alfred	Claresholm to Airport
Shaw's Tomahawk Bus Lines	Edmonton to Violet Grove
Sorensen Bus Lines	Rocky Mountain House to Nordegg
	Red Deer to Rocky Mountain House
	Red Deer to Sylvan Lake
Sunburst Motor Coaches Ltd.	Edmonton to Chauvin
	Edmonton to Sask. Border
	Edmonton to Buck Lake
	Edmonton to Cold Lake
	Edmonton to Alliance
	Edmonton to Alix
Sundre Bus Lines	Sundre to Olds
United Mine Workers' Association	Lethbridge to Galt Mine
Valley Bus Lines	Drumheller to East Coulee
	Drumheller to Wayne
	Drumheller to Nacmine
	Drumheller to Midland
Van Wert, T.	Redcliff to Medicine Hat
Vauxhall Bus Lines	Vauxhall to Taber
Western Canadian Greyhound Lines	Lethbridge to Macleod
	Calgary to Crowsnest
	Macleod to Cardston
	Macleod to Walsh
	Calgary to Edmonton
	Calgary to Medicine Hat
	Edmonton to Lloydminster
	Calgary to Alsask
	Calgary to Macleod
	Calgary to Banff
	Edmonton to Jasper
	Calgary to Waterton Lakes
	Calgary to Coutts
	Hanna to Calgary
Western Motor Coaches	Edmonton to Whitecourt
	Edmonton to Lac Ia Nonne
Frye's Bus Lines	Wainwright to Army Camp
	Wainwright to Vermilion

Below are shown the year's activities by various bus Companies:

ACTUAL MILES TRAVELLED

	Dirt Highways	Surfaced Highways	Total
1952-53	272,475	7,272,260	7,544,735
1951-52	295,021	7,107,036	7,402,057
Decrease	22,546		
Increase		165,224	142,678

PASSENGER MILES TRAVELLED

	Dirt Highways	Surfaced Highways	Total
1952-1953	7,744,618	240,693,748	248,438,366

Approximately 3,743,040 passengers were carried

